



KR Ministry of Agriculture and Melioration
Agricultural Projects Implementation Unit

APIU Newsletter

Laboratories with ELISA equipment for echinococcosis diagnosis start working in Bishkek and Djalal-Abad

Department for Disease Prevention and State Sanitary and Epidemiological Surveillance (DDP&SSES) under the KR Ministry of Health procured two sets of ELISA equipment for echinococcosis diagnosis. Financial assistance amounting to USD 60 thousand was provided by the Livestock and Market Development Project -1 as a part of the Echinococcosis Control Strategic Plan for 2012 - 2016.



One set will be installed in Bishkek parasitological laboratory of DDP&SSES with an address 535 Frunze str. And the other - in regional structure of DDP&SSES in Djalal-Abad with an address 11 Lenin str., where the diagnosis may be done for those in need in the entire southern region.

The equipment includes a spectrophotometer, microplate washer, thermo shaker, thermostat. There are 3,200 echinococcosis test systems and laboratory supplies (dosage units, cryotubes, tips) and personal protective equipment (gloves, gowns, caps).

"ELISA equipment allows holding a qualitative analysis of the patient blood for antibodies at the disease early stage. It "sees" that the ultrasound investigation (which is used to identify the disease,



but, unfortunately, already at an extensive-stage) is unable to do. It is known that echinococcosis is asymptomatic for many years"- says Gulnara Abdylidaeva, head of the DDP&SSES parasitological laboratory.

"The ELISA equipment for echinococcosis diagnosis is acquired for the first time in state medical institutions. In private laboratories it has been available for a long time. And the clinics direct patients there, if necessary. But now state medicine can carry out similar analysis,"- said G. Abdylidaeva. It is planned that the ELISA equipment for diagnosis of echinococcosis will fully operate in Bishkek and Djalal-Abad within present year. ▀

Kyrgyzstan undertakes dog dehelminthization against echinococcosis

Anthelminthic "Azinox" in the amount of 5 million tablets was procured by the Agricultural Projects Implementation Unit under the Ministry of Agriculture and Melioration of the KR within the framework of the Livestock and Market Development Project -1 and handed over to the State Inspectorate for Veterinary and Phyto-Sanitary Security under the Government of the Kyrgyz Republic for delivery to rayon departments and further private veterinarians.

Dehelminthization is carried out by private veterinarians contracting with rayon state inspectorate. Furthermore, this procedure should be carried out on a quarterly basis.

Veterinarians also carry out identification of dogs and give the owner the veterinary book. The number consisting of several figures is put on the left ear of a dog with the



help of inks and tattooing forceps. This number is written in the book and kept registered in the Veterinary Service. These

figures allow identifying the dog, if necessary, obtaining data about its treatment.

In addition to treatment and identification of dogs there is a complex of measures - public awareness on echinococcosis prevention: on the rayon scale it is the responsibility of Health Promotion Offices in Centers of Family Medicine, and in every village - Village

Health Committees. Training workshops, household rounds with distribution of brochures and leaflets, class hours in schools, drawing and essay contests on a specified subject were organized, banners calling to take care of the dog health were hung in 200 points of all oblasts and cities.

However, it must be emphasized that dog owners play a major role in reducing the echinococcosis incidence and dog treatment.

Namely owners should take care of their animal health, control their timely treatment and vaccination, apply for veterinary help to specialists since firstly the sick dog can infect the family members.

In addition, the new KR Veterinary Law prescribes the administrative or criminal penalties for refusing to treat an animal that represents a risk in spread of diseases.

Treatment of echinococcosis is long and hard. It takes much money while regular treatment of dog is not so expensive. Currently, some part (small) of veterinary services for dehelminthization will be covered by Livestock and Market Development Project-1 and the main part should be paid by animal owners. The pill is free of charge since it has been procured from the project funds. ▀



Treat and be useful

Giyazidin Giyazidinov, veterinarian of private veterinary service “Andarak” in Andarak village, Sumbula aiyl aimak, Leilek rayon, Batken oblast established his own veterinary clinic in 2005. He has been supporting his family by providing only veterinary services for ten years. This year, when the echinococcosis program has started, he signed a contract with the rayon veterinary inspectorate for dog dehelminthization and identification without hesitation. Until now the dog health has been neglected by everybody, so Giyazidin is the first among the indifferent ...



G.Giyazidinov at work.

- Since September the third season of dehelminthization undertaken on a quarterly basis have already started - says G.Giyazidinov. - I am glad that people become more receptive to the need to treat dogs and careful attitude to their health. I remember how difficult it was in winter during the first dehelminthization: the owners did not understand why they should give pills to dogs and be so concerned about their well-being ...

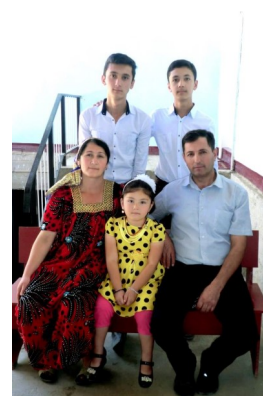
Together with putting a tattoo with identification number on the dog's ear the veterinarian gives a veterinary book in which he fills information about the animal (nickname, weight, breed, etc.) and makes

record of its treatment. The identification numbers are transferred to rayon state inspectorate which in its turn puts them into an electronic database “Dogs”. By the way, this base currently includes details of about 17 000 dogs making 3.5% of the total number of animals existing in the country. Giyazidin's contribution to the echinococcosis program is 213 dogs taken at his regular check-up.

PVS “Andarak” is not a single service in aiyl aimak that is all the work of animal care is shared with other Veterinary service “Sumbula”.

- Within one day I can treat up to 50 dogs - says Giyazidin. - And within the days when putting a tattoo and giving veterinary books I managed to cover only 20 households. I've heard that some of my colleagues give pills to owners that they treat their animals themselves. But it's not right. Animals should be treated by specialists only. In parallel, we explain the rules of dog care after dehelminthization saying that you should keep it on a leash 72 hours, to clean up feces and disinfect all used items.

G. Giyazidinov graduated from Zootechnical Faculty of Agricultural College in Tajikistan with honors. His eight-grader son wants to be like his father. “Dad, I want to be a veterinarian like you!” - Giyazidin deliver the words of his successor being happy that the desire to repeat the parent experience is the best assessment of his laborious work. ■



G.Giyazidinov with family

Source of danger - shepherds' dogs

Tynchtyk Isakov, veterinarian of Kok-Oi aiyl aimak, Jumgal rayon, said that there are two private veterinary services in their aimak that are actively involved in the third dehelminthization process of this year: “The population is already ready for our activities. Great contribution has been made by members of Village Health Committees which illustrate the dangers of echinococcosis and the need in dog treatment”.



T.Isakov.

According to T. Isakov, the biggest problem is shepherds' dogs that should be treated by veterinarians first of all and at the same time it is difficult to do because of their presence in the distant pastures. Namely the shepherds' dogs living near wildlife are sources of the echinococcosis spread. Total there are 200 dogs in Kok-Oi. ■

As of October 1, 2015 80% of sheep and goats are vaccinated against brucellosis

In Kyrgyzstan, private veterinarians vaccinated more than 1.8 million sheep and goats against brucellosis. Such data as of October 1, 2015 was provided by State Veterinary Inspectorate. Total approximately 2.2 million of sheep and goats are to be vaccinated.



The REV-1 drug (in Kyrgyzstan since 2008) is recommended by the International Epizootic Bureau. It is dropped into

the animal eye. One-time vaccination is applied for sheep and goats aged three months and older, after which animal immunity against brucellosis is kept for four - five years and during this time animals are usually subject to slaughtering.



The REV-1 vaccine was procured under the Livestock and Market Development Project-1 in the amount of KGS 11.7 million. The incidence of cattle brucellosis has been

reduced in recent years at least three times by joint efforts of private veterinarians, State Veterinary Inspectorate, Ministry of Agriculture and Melioration of the Kyrgyz Republic, Health Promotion Offices in Centers for Family Medicine, Kyrgyz Veterinary Research Institute and international donors providing financial support (World Bank, International Fund for Agricultural Development and others). Consequently, the number of people becoming infected with brucellosis from animals, meat and dairy products has declined. So, there were 1092 incidences registered in



2014, while there were 1 363 incidences in the previous year. During 2011 - 2014 the incidence rate has decreased four times.

Brucellosis in humans is a serious illness that can systematically affect the body, one of these consequences is infertility. The treatment is a long and expensive process, so it is better to prevent the disease. The main measures of prevention are vaccination of livestock, personal hygiene, use of animal products only after the heat treatment. ■

Veterinary books issued to 19 300 dogs in Uzgen rayon

This year, the veterinary registration certificates—a kind of “passport” - have been received by 19,300 dogs in Uzgen rayon. It is the exact number of animals registered in this region. But recently, the local Veterinary Service received another 1,000 cards - for registration of new born dogs. In December, the puppies will undergo their first dehelmintization according to Daniyar Mamataliev, the head of Uzgen rayon veterinary inspectorate.

- Dehelmintization was carried out in conjunction with information activities, - said D. Mamataliev - assistance was provided by doctors of Family Medicine Center and members of Village Health Committees. There were workshops, meetings and campaigns explaining how to take care of dog, disinfect the place of dog keeping, follow hygiene. Leaflets and brochures were distributed, articles were written in newspapers, speeches were provided through the radio rooms in markets. The treatment began in the second quarter. In general, if not for our partners it would not be implemented.

- All dogs that received veterinary certificates got echinococcosis treatment, so 41,600 pills of “Azinox” were used in the third quarter, - said D. Mamataliev.

According to him, the dehelmintization campaign in Uzgen region involved 28 private veterinary services and their 72 employees. “Each service has a register with all the necessary data recorded. On the basis of these data, the rayon Veterinary Inspectorate draws up a report and sends it to the central office of SIVPSS. This information is also entered into the electronic database “Dogs”.

The fourth dehelmintization of this year in Uzgen rayon will be held in December. ■

Итти каттоо ветеринардык күбөлүгү

Иттин аты	Сотон	Каттоо датасы	Экинчи иттин аты	Телефон	Дареги	Иттин аты	Түрү	Жаны	Параметри	Экинчи
46-40-0201	Узген район	03.04.2015	Маматаев Т	0779-03004	Алтын Бүткө а/а, Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0202	Узген район	03.04.2015	Маматаев М	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0203	Узген район	03.04.2015	Маматаев М	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0204	Узген район	03.04.2015	Маматаев М	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0205	Узген район	03.04.2015	Маматаев М	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0206	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0207	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0208	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0209	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0210	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0211	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0212	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0213	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0214	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0215	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0216	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0217	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0218	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0219	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0220	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0221	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0222	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0223	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0224	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0225	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0226	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0227	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0228	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0229	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0230	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0231	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0232	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0233	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0234	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0235	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация
46-40-0236	Узген район	03.04.2015	Маматаев Т	0779-03004	Кандаш а/а	Алтын	Алтын	Знак	5	дегельминтизация

Working form of program “Dogs”

Excellent and good students: low scores of ORT did not interfere with study

This year students in the Faculty of Veterinary Medicine and Biotechnology that enrolled under the program of the Livestock and Market Development Project-1 moved to the second year. Six students finished the first year of study with “excellent” grades and 36 - “good”. It is noteworthy that excellent and good students were those who had a small score of ORT.

Bermet

Bermet Jaychibekova came to study from Ak-Korgon village, Ala-Buka rayon, Djalal-Abad oblast.



In Bishkek she lives in a dormitory with three of her fellow students. - Scores that I received at ORT did not allow my admitting to medical institute, where I wanted to study, - says Bermet. - I knew about the possibility to enter the veterinary faculty at the school meeting. I immediately decided to enroll in KNAU - to study veterinary medicine. Now I'm glad with this choice. Bermet is one of the few women who decided to become a veterinarian. The first year she finished with excellent and good grades. It is just a little bit not enough to be an excellent student and receive a scholarship. So now she does all her best to pass the

winter session only with excellent grades.

“Everything depends on ourselves. Timely homework and activity at seminars can certainly provide getting a good grade”, - says Bermet.

Avazbek

Avazbek uulu Raiymbek came from Alaiku village, Kara-Kulja rayon, Osh oblast. He became an excellent student having enrolled with 105 grades of ORT.



- The low score on the overall republican testing was an accident because I studied diligently at school: there were only two “good” grades for Russian and English, and the other grades were “excellent”. - And there is the module system at the university, if you get more than 85 scores then you automatically get “excellent” grade. The teachers are strict but fair. Especially I like such subjects as anatomy, histology, biology, chemistry. I do not miss classes, so it is easy to pass exams at the sessions.

Nurkeldi

Another excellent student Nurkeldi Toktaliev who came from Teploklyuchenka village, Ak-Suu rayon, Issyk-Kul oblast got only 101 grades at ORT. But hard work and desire not to let down his family and AO that gave him a farewell speech for enrollment helped Nurkeldi to become one of four the best second-year students of the faculty.



- I'm the youngest and the only son in the family. Father died long ago. And I did not want to let down my mom who raised me and sent to the capital to study despite the fact that she did not much welcomed my desire to become a veterinarian. I admit that I was capable of study but I did not pay attention to it at school, so I got low test scores. But here I have got mobilized. It is my great responsibility.

Nurkeldi made up his mind who to be long ago. His grandfather is engaged in horses, therefore, it is a childhood dream to continue his work. My plans are to have own horse stable and breed the thoroughbred horses. To do this the veterinary profession is particularly needed. “The university opened new doors for me. Having knowledge means the future”, - says the student fairly. ■

Responsibility and diligence-secret of achievement

Bekbolsun Aknazarov, Dean of the Faculty of Veterinary Medicine and Biotechnology in KNAU, Doctor of Veterinary Science, Profes-



B. Aknazarov.

sor notes the high level of responsibility of students admitted under the Project program. The students do not miss classes, have higher grades and after exams they have less missed assignments than students in standard groups. For example, only the Project group

has four students with honors but a parallel group hasn't. Furthermore, according to results of the first year usually up to 15% of students are expelled. The Project group had only three expelled students for good reasons. Therefore B. Aknazarov suggests that the five-year study can be complete by 95% of all admitted students under LMDP.

Some students were absent in September. This is due to involvement in harvesting to help their parents as well as weak financial

money for travel and accommodation in Bishkek, for the purchase of essential clothing and accessories. Year of study let students understand that they made the right career choice. They settled down, changed their culture of behavior at university, attitude to learning and environment at all.

In early September, Ryspek Nurgaziev, the KNAU rector, corresponding member of the KR National Academy of Sciences, Professor, met with students and gave them a farewell to further study, discussed the process of learning, problems. Students noted that one of the difficulties is the high cost of dormitories (KGS 8000 per year).

Last summer the project students had a great advantage - they had practice on farms. Unfortunately, the first-year students in standard group did not have such possibility.

Another news is that this year the anti-monopoly committee has set the price for study at the KNAU Veterinary Faculty amounting to KGS 35 000. ▀

Photos of study process at the KNAU veterinary faculty.



The new Project “Pasture and Livestock Management Improvement” started in Chui and Talas oblasts

Pasture and Livestock Management Improvement Project started in Talas and Chui oblasts. Official opening date is August 27, 2015, implementation period is until 2018. It is financed by the World Bank — provided credit and grant totaling to USD 15 million - the KR Government.



The successful outcome of the Agricultural Investments and Services Project (AISP) that was operating all over the country from 2008 to 2014 on pasture management and veterinary service development contributed to attracting foreign investment. Therefore, we can consider a new project to be the continuation of AISP in Talas and Chui oblasts. The Livestock and Market Development Project - 1 and -2 financed by the International Fund for Agricultural Development have been implementing in other five oblasts in these and other directions since 2013 and 2014.

The new Project Objective is to improve pasture and livestock management through improving the quality of services provided by Pasture User Unions (PUUs) and private veterinary services.

It is expected that the achievement of this objective will make a certain contribution to increasing the income of livestock owners and improving their food security, equitable access to pastures and termination of long-term degradation of pastures as well as to preserving the environmental sustainability of pastures and social stability in rural communities.

The project will support 140 PUUs, 420 private veterinarians and 48 graduates from the Veterinary Faculty in Chui and Talas oblasts. The assistance will be provided, in particular through sub-grants to PUUs to improve pastures, feed, livestock and procurement of private veterinarian services.

The implementing agencies of the Pasture and Livestock Management Improvement Project are APIU, ARIS, Pasture Department, Veterinary Chamber, Kyrgyz Livestock and Pasture Research Institute, State Agency for Environmental Protection and Forestry, Rayon Departments for Agrarian Development, State Veterinary Inspectorate. ▀

Mongolia is interested in Kyrgyz experience on pasture management

Delegation from Mongolia arrived to learn the Kyrgyz experience on pasture management.



It was mainly composed of representatives of the Ministry of Agriculture and Food. On September 11 the APIU met with guests and spoke about the Agricultural Investments and Services Project which contributed to change in the pasture management system concerning development of pasture legislation, establishment of Pasture User Unions, improvement of pasture infrastructure.

The guests were also informed about plans on pasture management improvement envisaged within the framework of the three projects - “Livestock and Market Development - 1 and 2” and “Pasture and Livestock Management Improvement”. ▀

Issued Guidelines on artificial insemination of cows and heifers

“Guidelines on artificial insemination of cows and heifers” was issued by order of the Kyrgyz Livestock and Pasture Research Institute (KLPRI).



The main content of the Guidelines is the establishment of points for artificial insemination, timing of insemination, freezing and storage of bull semen, thawing diluted and deep frozen semen, evaluation of sperm motility, methods of insemination, transportation of frozen (cryo) embryos and bull semen. It also describes the rights and duties of inseminators.

Authors - M. Kasmaliev and J. Kerimaliev, doctors of veterinary science, A. Kydyrmaev and

A. Abdurasulov, Doctors of Agricultural Science, J. Mambetaliev, Head of Unit for Research and Livestock Policy Development under the KR Ministry of Agriculture and Melioration.

Circulation of the edition reached 575 copies in Kyrgyz and Russian languages. Financial and technical assistance in its issue was provided by the Livestock and Market Development Project -1.

The brochure will be distributed in all oblasts of the country among inseminators, veterinarians. Also, the Selection and Breeding Center, ARIS, Biocenter of KLPR, State Veterinary Inspectorate, APIU and the Unit of Livestock Policy and Science under the MoAM, Book Chamber will receive this material.▪

Woman's well-being - community reliability indicator

The Livestock and Market Development Project pays great attention to the role of women in its activity as one of the efficiency criteria in involvement of women and their active work in activities on pasture management improvement, veterinary service, milk value chain.

Mrs. Maliha Hussein, international consultant, conducted workshop for the Project employees where she provided information on the gender approach in implementation of the IFAD projects.



Women-students in the KNAU Faculty of Veterinary Medicine and Biotechnology.

Currently, Guidelines on Gender is in process of preparing by APIU. It will reflect the consultations of M.Hussein and describe the Project component activities with a gender focus.

It should be noted that the gender aspect is initially present in the Project activity as a major element. There are second-year women-students in the KNAU Faculty of Veterinary Medicine and Biotechnology invited under the LMDP program, women are actively involved in Village Health Committees and it is welcomed when woman lead the Jaiyt Committee or private Veterinary Service.

It is impossible to build a stable and secure society in the modern world without woman's well-being.▪



J. Bektursunova, Jaiyt Committee member.

The “Elektronduk Jaiyt” information system is constantly being improved. It is complemented by new sections - methods of payment for pasture use, Animal Health Sub-Committee, information on pasture degradation.



Let us remind that the electronic program “Elektronduk Jaiyt” was launched in the Pasture Department a year earlier with the technical support of the Agricultural Investments and

The Livestock and Market Development Project-1 procured the server and computer equipment for working with “Elektronduk Jaiyt” in the Pasture Department, whose task is to implement the software in all 454 PUUs of Kyrgyzstan. In the future Jaiyt Committees should send electronic

[illegible]

The working sheet form of “Elektronduk Jaiyt” software

The data on all PUU is expected to be entered into the database by the end of the year. ▪

International workshop in Bishkek “Managing population of stray dogs”

On October 5-8, 2015 the international workshop “Managing population of stray dogs” took place in Bishkek. It was participated by representatives of native veterinary and their colleagues from the CIS and foreign countries - Slovakia, Great Britain, Italy, Poland, the USA, Chile, Russia, Switzerland, Bulgaria, Armenia, Georgia, Azerbaijan, and Kazakhstan, Tajikistan, Turkmenistan, Uzbekistan. Experts of the International Epizootic Office (OIE) came from Paris.



The workshop included presentations about the OIE programs on animal welfare in Europe, about instruments of the program monitoring and self-assessment, the work on anti-rabies virus in dogs. Workshop participants shared their experiences with each other, talked about their best practices and common problems. It was noted that Kyrgyzstan is in urgent need for greater control over the population of stray dogs in the form of organizing shelters, sterilization and castration, treatment, segregation of animals in a humane way.



The Livestock and Market Development Project -1 has a contract with the OIE for five years during which the organization's experts will provide advice on many issues to develop the KR Veterinary Service including the control of particularly dangerous diseases such as echinococcosis transmitted to humans from dogs. ■

The OIE expert on veterinary drug control paid a working visit to Bishkek

On September 21 - 25, 2015 Dr. Jean-Pierre Oran, the OIE expert on veterinary drug control, the head of the French veterinary agency visited Bishkek.



Jean-Pierre Oran and Murzabekov B., Deputy Director of the Center for Certification of Veterinary Drugs.

Jean-Pierre Orant, met with experts of the Center for certification of veterinary drugs under the MoAM, State Veterinary Inspectorate and discussed the control of veterinary drugs, feed and fodder additives in Kyrgyzstan, starting from the manufacture or import to use. He was shown the certification center laboratory, told about the quality management system - current activities and challenges.

There was also a meeting with the Veterinary Chamber, which also discussed the possibility of monitoring the use of veterinary drugs.

The visit of an international expert was a part of the contract concluded between the Livestock and Market Development Project-1 and the OIE. ■

Innovative approaches in livestock and market development

New approaches in improving pasture management can lead to positive changes and prevent further pasture degradation.

The LMDP key objectives are to generate livestock productivity increases reflected in: (i) more productive and accessible pasture areas and increased supplementary feed available to community livestock; (ii) healthier livestock with lower levels of mortality; and (iii) market partnerships in the milk value chain providing incentives for productivity increases.

The Project uses the selective approach for model *Pasture User Unions (PUU)*. The goal is to develop a comprehensive approach to the pasture management based on methods developed under Agricultural Investments and Services Project (AISP).

Total eight model PUUs were selected by four in each project area, the work was focused on several directions:

- Development of methodology for institutional assessment of PUU;
- Development of methodology for community pasture mapping as a basis for development of CPMP;
- Improvement of technical guidelines for the pasture state assessment;
- Improvement of management plans and technical guidelines on preparation of management plans including sections of winter feeding, productivity improvement and animal health as well as environment preservation.

Community members were actively involved in carrying out the work in all directions which took place in three stages. At the *first stage* the community was offered the training in all four directions. These participants' knowledge was tested



in practice. The result revealed advantages or disadvantages of the tested approaches.

At the *second stage* the proposals and recommendations on pasture improvement were provided and introduced in the developed

documents, the results and formation of a unified approach were agreed.

At the *third stage* the final versions were provided. The materials (guidelines and methodology) received as a result of the model PUU work were approved by donor - the International Fund for Agricultural Development (IFAD).

As of today the main results are the following: developed and tested methodology for conducting a survey on institu-

tional assessment of Jaiyt Committees. Community Development Support Officers (CDSO ARIS) are trained in this methodology and have been using it in their work. In addition, the model PUUs have tested methodology for community-based mapping (maps for pasture management plans are developed).

It is necessary to emphasize the importance of development of the pasture use management plans involving a uniform distribution of animals by pastured areas during the grazing season. And as the use of pasture areas and distribution of animals should take into account the quality of their state it is necessary to conduct regular monitoring, evaluation of pastures and their crop yields. In this regard, it is necessary to pay attention to issues related to infrastructure, pastures, pasture use for purposes not related to grazing. Experience shows that many problems arise when using the Forestry Fund pastures.

Guidelines on the CPMLDP preparation and pasture monitoring and evaluation are a working tool adapted to capabilities and knowledge of the community members. Pasture state is evaluated and management plans are prepared in the model PUUs, these plans are being implemented. Training on development of management plans and assessment of pastures was conducted for Community Development Support Officers (CDSO ARIS) in LMDP-1 project area. As of today the training sessions on making CPMP have been conducted in 125 PUUs. Preparation of management plans is in active process. On September 14 - 30 the training sessions on pasture management and PUU institutional assessment were conducted for CDSO in LMDP-2 project area who then will conduct explanatory work among the pasture users.



In order to complete the campaign for preparation of plans it must be approved by IFAD. According to the Project design the first 10 draft plans must be approved by donors, it is currently in the process of approval.

Pasture Specialist LMDP ARIS N.I. Barakanova.

APIU projects are financed by

The Kyrgyz Republic Government



International Fund for Agricultural Development



World Bank



Contacts:

The KR Ministry of Agriculture and Melioration
Agricultural Projects Implementation Unit (APIU)
510-511 apt., 96a Kievskaya st., Bishkek
tel.: (312) 665625, fax: (312) 661572
e-mail: hpai@apiu.elcat.kg